Erik Skinhøj, M.D.
Bispenberg Hospital
Department of Neurology
Bispebjerg Bakke 23
DK-2400 Copenhagen N.V.
Denmark

A: The Acute Effect of Smoking upon Regional Cerebral Blood Flow in Smokers and Nonsmokers. Grant #752

B: The Effect of Some Physiological Stimuli upon Cerebral Blood Flow in Smokers and Nonsmokers.

By means of the intracarotid ^{133}Xe injection method for determination of regional cerebral blood flow this is measured simultaneously in 35 areas of the brain. The questions to be answered are:

1. Does actual smoking influence cerebral blood flow globally or regionally?

2. Is the oxidative metabolism determined by flow and a-v oxygen difference influenced by smoking?

3. Is the possible effect of actual smoking different in smokers and nonsmokers?

4. Is the reactivity of cerebral vessels upon controlled changes in BP and in $ApCO_2$ different in a group of smokers and in a group of non-smokers comparable from other points of view?

Current Grant Level: $8,100.

1005075496

Source: https://www.industrydocuments.ucsf.edu/docs/gzmk0000